IN THE CLAIMS:

Please amend the claims as follows:

1.   (Currently Amended) Method for determining the envelope curve of a modulated input signal ~~(S) with~~, comprising the ~~following method~~ steps <u>of</u>:

- ~~generation of~~ <u>generating</u> digital samples ~~(A_n)~~ by digital sampling ~~(1) of the~~ <u>a</u> <u>modulated</u> input signal ~~(S)~~,

- ~~generation of~~ <u>generating</u> Fourier-transformed samples ~~(B_n)~~ by Fourier ~~transformation (2) of~~ <u>transforming</u> the digital samples ~~(A_n)~~,

- ~~generation of~~ <u>generating</u> sideband-cleaned, Fourier-transformed samples ~~(B'_n)~~ by removing ~~(3) the~~ <u>a</u> range ~~(10)~~ with negative frequencies or ~~the~~ <u>a</u> range ~~(11)~~ with positive frequencies from the Fourier-transformed samples ~~(B_n)~~,

- ~~generation of~~ <u>generating</u> inverse-transformed samples ~~(C_n)~~ by inverse Fourier ~~transformation (4) of~~ <u>transforming</u> the sideband-cleaned, Fourier-transformed samples ~~(B'_n)~~ and

- ~~formation (5) of the~~ <u>forming</u> values of the absolute value ~~(D_m)~~ of the inverse-transformed samples ~~(C_n)~~.

2.   (Currently Amended) Method according to claim 1, ~~characterised in~~ ~~that in order to generate the sideband-cleaned, Fourier-transformed samples (B'_n), the~~ <u>comprising removing a</u> level component ~~(12)~~ at ~~the~~ <u>a</u> zero frequency ~~is also removed~~ in addition to the range ~~(10, 11)~~ with the negative or positive frequencies <u>in order to</u> <u>generate the sideband-cleaned, Fourier-transformed samples</u>.

3.   (Currently Amended) Method according to claim 1 ~~or 2, characterised~~ ~~in that~~<u>, comprising processing</u> the inverse-transformed samples ~~(C_n) are processed~~

. further only in such a limited range (13) that a cyclic continuation, which is caused by the Fourier transform and inverse Fourier transform, is suppressed.

4.   (Currently Amended) Method according to ~~one of the claims~~ claim 1 ~~to 3, characterised in that,~~ comprising logarithmizing the values of the absolute value ~~(D$_m$) are logarithmised~~ relative to an effective value ~~(D$_{eff}$)~~ of the inverse-transformed samples.

5.   (Currently Amended) Method according to claim 4, ~~characterised in that,~~ comprising displaying the frequency distribution of the ~~logarithmised~~ logarithmized values ~~is displayed~~ as a function of the ~~logarithmised~~ logarithmized level (~~CCDF~~ complementary cumulative distribution function diagram[)].

6.   (Currently Amended) Digital storage medium with electronically readable control signals which can cooperate with a programmable computer or digital signal processor ~~such that~~ to implement the method according to ~~one of the claims~~ claim 1 ~~to 5 is implemented~~.

7.   (Currently Amended) Computer ~~programme~~ program product with ~~programme~~ a program code ~~means which are~~ stored on a machine-readable carrier in order to ~~be able to~~ implement all the steps according to ~~one of the claims~~ claim 1 ~~to 5~~ when the ~~programme~~ program is run on a computer or a digital signal processor.

8.   (Currently Amended) Computer ~~programme~~ program with ~~programme~~ program code ~~means~~ in order to ~~be able to~~ implement all the steps according to ~~one of~~

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the claims claim 1 to 5 when the programme program is run on a computer or a digital signal processor.

9.   (Currently Amended) Computer programme program with programme program code means in order to be able to implement all the steps according to one of the claims claim 1 to 5 when the programme program is stored on a machine readable data carrier.